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SOCIETY OF ILLINOIS PROFESSIONAL ENGINEERS
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the ILLINOIS ENGINEER

NATIONAL SOCIETY OF PROFESSIONAL ENGINEERS
FOUNDED 1934

ANNUAL MEETING ISSUE



SENIOR HIGH SCHOOL and NATURAL BOWL — ROCK ISLAND
Annual Meeting — Rock Island — March 26-27-28, 1953

THE ILLINOIS ENGINEER, MARCH, 1953—VOLUME XXIX, NO. 3

Address all communications to the Society at 631 East Green St., Champaign, Illinois.
The Society is not responsible for statements made or opinions expressed in this publication.

ILLINOIS SOCIETY OF PROFESSIONAL ENGINEERS, Incorporated

Affiliated with the National Society of Professional Engineers

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Illinois Engineer: W. A. Oliver, *Editor-in-Chief;* H. E. Babbitt, *Associate Editor*

Of Professional Interest

THE ILLINOIS ENGINEER—THIS MONTH

The Annual Meeting

This issue of the ILLINOIS ENGINEER has been designed for the purpose of inducing you to attend the Annual Meeting of the Society at Rock Island on March 26, 27, 28, next.

The Annual Meeting offers to you the opportunity to renew old acquaintances and make new ones. It is the time when the officers of the Society, whom you have chosen to handle the business of the organization during the preceding year, give an accounting of their stewardship. It is a time when committees report their accomplishments. It is a time when the new officers accept their obligations and when you charge them with their responsibilities. You owe attendance to your profession.

Those who have prepared the program for this year's meeting believe that they have provided a good one. They have taken particular pains with the events of interest to the ladies and have extended a most cordial invitation to them.

The attendance of yourself and wife is urged at the Annual Meeting of the Illinois Society of Professional Engineers at the Fort Armstrong Hotel, Rock Island on March 26, 27, and 28, next. THE EDITOR

ILLINOIS INSTITUTE SPONSORS HYDRAULICS CONFERENCE

Otmar E. Teichmann of Armour Research Foundation of Illinois Institute of Technology has been named conference director for the ninth annual meeting of the National Conference on Industrial Hydraulics. The conference will be held October 8-9 at the Sheraton Hotel, Chicago.

Teichmann is assistant chairman of the heat-power department at Armour Research Foundation. The conference is sponsored by Illinois Institute of Technology.

Three members of the Illinois Tech faculty will serve on Teichmann's committee. They are: Frank W. Edwards, director of the department of civil engineering; Ralph E. Peck, professor of chemical engineering; and V. L. Streeter, director of fundamental fluids research.

John G. Duba, assistant professor of civil engineering at Illinois Tech, is the conference secretary.

AND ORCHIDS TO CENTRAL ILLINOIS CHAPTER

The following is quoted from Central Illinois Chapter, "WhISPEers."

"Bouquets to Parke Boyer for organizing a committee to call on each individual member to remind him of ISPE meetings. So if one of the following calls you, be friendly; he is donating his time to remind you of a meeting. They are: Parke Boyer, Lawrence Auby, Walter Bowan, Monty Blundon, Ray DesChene, Bob Elden, Jim Greanias, Dan Hazen, Jim Matthews, Bill Messer, Rodger Snelson, and Elmer White."

PRESIDENT'S MESSAGE

Review and Farewell

As all things come to their inevitable conclusion, so do the sands of time run out on the sixty-eighth year of the Illinois Society of Professional Engineers. As we approach the annual meeting, perhaps we should pause to take stock, and to decide whether we have gone forward, remained static, or gone backward during this past year.

One of the best measures of Society effectiveness is perhaps to be found in the work of our committees. A glance at the inside cover of the *Illinois Engineer* reveals a long list of standing committees, the scope of which covers rather completely the activities of the society. It is obvious that the work of these groups cannot all be reviewed in the limited space allocated to this message, nor would I want to make such a review, for many of these committees undertake long and involved work which is reported in detail at the annual meeting. It will be a source of satisfaction for all to hear these reports and to recognize the progress which has been made by nearly all of these committees. There are two, however, whose work I must comment on, for I believe they have exerted a tremendous influence on both the present and future welfare of the Society.

The first is the committee on Professional Education. As a new committee with a broad field in which to work, they chose to concentrate their first year's efforts in working to promote professional awareness among students and faculty members in Illinois engineering schools. Upon their recommendation, the November 1952 issue of the *Illinois Engineer* was forwarded to every Senior engineering student in our Illinois schools. This particular issue was aimed at the student engineer, and a mimeographed sheet was inserted in each copy listing chapter officers and addresses, with the request that the reader contact one of the officers of a nearby chapter if interested. It is gratifying to learn that there has been some response to this invitation. Also gratifying is the report that there has been a stir of interest in the Society among engineering faculty members, and even more to the point, there have been some new applications for membership from them. The important thing, however,

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SUBSCRIPTION RATES

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is that the seeds of professionalism have been sown in the proper places. It is merely a start, and the seeds which have been so carefully planted must be nurtured through the germination process into growth, and they must be tended until they flourish of their own accord.

The other committee which I want to mention is the one which concerns itself with Ethics and Practice. The Illinois Society was asked for an opinion concerning the ethics of certain procedures by the Highway Division of the State of Illinois. The matter was turned over to the committee who promptly took it under study, and reported their findings and recommendations to the Board. The Board accepted the recommendations as presented, and the Secretary's office was able to report the findings to the Highway Division in a little over two weeks from the date of the original inquiry. This indicates two things: one, that our Society is geared to act in a hurry when necessary; and two, that the Society is looked upon as the professional voice of the engineer in the State of Illinois.

Other committees are no less important, and their particular functions are vital to the Society's progress, but it would seem that the impact of the two cases outlined above are probably the outstanding developments in public relations during this past year. They indicate progress in our quest for professional recognition, and I am inclined to believe that our stature has increased considerably as the direct result of the work of these two committees.

In review, I feel that on the whole we have had a successful year. There have been some disappointments, but nearly all of our undertakings have been more than satisfactory when the final results were examined. Some matters, by virtue of their nature, must carry over to the next administration for completion, and of course some items, such as membership, are of a continuing nature and are never completed.

As I shall not have another opportunity to speak again through the President's column, I should like to thank you all for the loyal support you have given during my term of office. I am particularly grateful to the Board of Direction for their kindness and their cooperation in carrying out the business of the Society. To the Committee chairmen and members who have served so faithfully in the routine matters of Society interest, may I say that without your untiring efforts, no President can have a successful year. To the Chapter officers and members who have entertained me at your meetings, may I express my gratitude for your hospitality and your interest in what I have said about the organization and its work. Finally, I want to acknowledge and thank the Secretary and the Assistant Secretary for the splendid cooperation received throughout the year.

I know I speak for the entire Society when I say to President-Elect Brichler and Vice-President-Elect Klassen that we wish them the best of success in their administration, and we pledge our loyalty and cooperation.

A. D. SPICER,
President, I.S.P.E.

VOX SECRETARII

P. E. ROBERTS, ASSISTANT SECRETARY

68th Annual Meeting

The West Central Chapter Host Committee in charge of the 68th Annual Meeting in the Fort Armstrong Hotel, Rock Island, has extended itself to give you the tops in both entertainment and education.

The Society is indeed fortunate in being able to book Senator Frank P. Johnson as its banquet speaker. Senator Johnson in his early days was associated with the Silver Voiced William Jennings Bryan on the Chautauqua Stage. Some of the charm of Bryan must have rubbed off on Senator Johnson for he is both witty and serious. Ex-editor, traveller, lecturer and now legislator, all contributed a part to the homespun philosophy which adds to the enjoyment of his listeners. You are in for a treat when you hear him talk on Friday night, March 27th.

Mr. R. J. Kryter is a young man who is thoroughly up to date on the development of atomic power. He will give you a peek into the future when he speaks at the Friday Luncheon.

Special efforts have been made to give the ladies a busy and enjoyable three days. A style show at Rothchilds, an inspection trip to the local TV station and a luncheon at the famed Plantation followed by a talk on Europe is in store for the ladies.

An innovation this year is the suggestion by President-elect Brichler that the Membership and Publicity and Public Relations Committee meet in joint session with their respective chairmen to discuss ways and means of making the work of their committees more effective to the Society.

The smorgasbord on Thursday night plus entertainment will give an opportunity to renew acquaintances. From all points of view, the 68th Annual Meeting will be one which you will relive many times.

Chapter Officers Conference

A most successful Chapter Officers Conference was held on January 31st in Peoria. A record attendance turned out. The conference was a real help to new Chapter officers because of the old and new ideas which were discussd from the floor.

Miscellany

Please fill out and return the reservation card for your room in the Fort Armstrong Hotel, which was mailed to you on March 2nd. Your early cooperation will help the Housing Committee do better work. . . . See you in Rock Island.

COST OF LIVING INDEX

The correction factor to be applied to the I. S. P. E. Schedule of Minimum Fees and Salaries was 191.0 for December, 1952. The factor is based upon the U. S. Department of Labor's most recent Consumer Price Index.

I. S. P. E. Officers for 1953

President Elect Raymond G. Brichler



RAYMOND G. BRICHLER

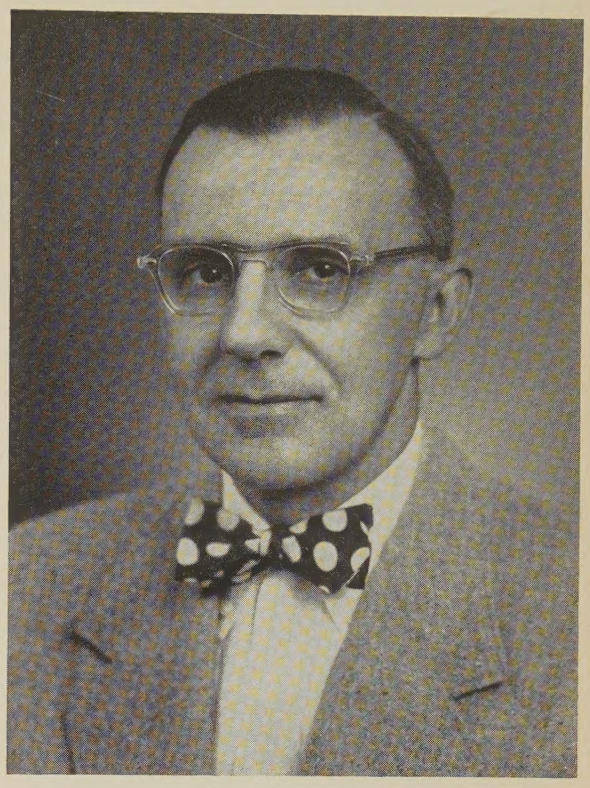
Mr. Brichler is a worthy recipient of the honor which the Society has conferred upon him, the office of president, the highest in its organization. Mr. Brichler is an enthusiastic member of the Society of long standing and, what is just as important, he has a thorough understanding of its policies, its ideals, and its business affairs.

Mr. Brichler has served the Society in numerous capacities. He has been Vice-President and President of the St. Clair Chapter and represented that Chapter for a number of years on the Board of Directors. He served as Alternate National Director during 1952, attending the Annual Meeting of the N.S.P.E. at Tulsa last June. He also served during 1952 as Society Vice-President assuming with that office the office of Comptroller of society finances.

Mr. Brichler is a graduate of Washington University at St. Louis, and is a registered professional engineer and registered structural engineer in Illinois. He is Assistant Chief Engineer with the Alton and Southern Railroad. Other technical and social activities include membership in the American Railway Engineering Association, the Engineers' Club of St. Louis, and the B.P.O.E.

The Society will move forward during 1953 under the leadership of R. G. Brichler.

Vice-President Elect C. W. Klassen



C. W. KLASSEN

Vice-President Elect Klassen has been an active member of the I.S.P.E. since 1926, becoming a National Member in 1946. He has served on many committees. He was Chairman of the Water Supply Section in 1931, General Chairman of the Sewerage Section in 1938, Chairman of the Prize Essay Committee in 1939, and Member and Chairman of the Publicity Committee in 1946 and 1947. During the past several years he has been Chairman of the Civil Defense Committee, keeping in contact with the developments taking place in that important activity both in the state and in the nation at large.

Mr. Klassen is a graduate of the University of Michigan in civil engineering. He has been with the Illinois Department of Public Health since 1925 and has served as Chief Sanitary Engineer of the Department since 1935 with the exception of three years during the war when he served as Major of the Sanitary Corps of the Army. In addition to the duties listed above, Mr. Klassen is Technical Secretary of the Sanitary Water Board and Associate Professor, College of Medicine, University of Illinois. He holds memberships in a number of technical and professional societies. He is a member of the vigorous Capital Chapter in Springfield.

The Society chose well in electing C. W. Klassen as Vice-President for 1953.

Annual Meeting Program - Rock

Thursday, March 26, 1953

FORT ARMSTRONG HOTEL, ROCK ISLAND, ILLINOIS

Morning

7:30 Board of Direction Breakfast

8:00 Registration Desk open—Balcony

8:15 Board of Direction executive meeting—Illinois Room
(Members of the Society are invited to observe)

10:00 Joint Committee Planning Conference—Iowa Room
Public Relations and Publicity Committee, Robert M. Roy—Chairman
Membership Committee, E. W. Markwardt and K. C. Hoeglund—Co-Chairmen

12:00 Board of Direction Luncheon

Afternoon

1:00 Resumption of Board of Direction Meeting—Illinois Room

2:00 General Session—President-elect R. G. Brichler presiding—Ball Room
2:00 "Expressways in Cook County"—James Kelly, Asst. Supt. Highways, Cook County
3:00 "More Power for Illinois" — William Wishard, Electrical Engineer, Commonwealth Edison Co. & Public Service Co. of Northern Illinois

5:00-6:00 Cocktail Hour

Evening

7:00 Smorgasbord—Ball Room
Entertainment—West Central Chapter, Hosts

Friday, March 27, 1953

Morning

8:00 Registration Desk open

8:30 Moving Picture

9:00-11:30 68th Annual Business meeting of the Society—Ball Room

12:00 Luncheon—President A. Douglas Spicer presiding—Ball Room
Invocation—The Reverend Mr. Dan Gold Long Broadway Presbyterian Church, Rock Island
Welcome—Mayor Melvin McKay, Rock Island
Presentation of the Illinois Award recipient by Chairman C. I. Burggraf
Presentation of Illinois Award by President Spicer
Address, "Recent Atomic Developments" by R. J. Kryter, Treasurer, The Easterline-Angus Company

Afternoon

2:00 Resumption of 68th Annual Business Meeting

3:00 Address by N.S.P.E. President John D. Coleman

3:45 Resumption of 68th Annual Business Meeting

5:00 Adjournment of 68th Annual Business Meeting

5:15-6:30 Cocktail Hour—Streator Drain Tile Co., Hosts

7:00 68th Annual Banquet—President A. Douglas Spicer, presiding—Ball Room
Invocation—The Rev. Mr. Charles T. Gaskell Trinity Episcopal Church, Rock Island
Presentation of Past President's Certificate—President-elect R. G. Brichler
Entertainment
Address by Senator Frank P. Johnson

Saturday, March 28, 1953

Morning

7:30 Board of Direction Breakfast

8:15 Organization and meeting of the 69th Board of Direction—General membership invited
Introduction of President Brichler and Vice-President Klassen

12:00 Adjournment

LADIES PROGRAM — 68TH ANNUAL MEETING

Thursday, March 26, 1953

Morning

9:00 Registration (no registration fee for the ladies)

9:00-12:00 Do your shopping

Afternoon

1:00-3:00 Style show at Rothchilds

3:00-4:00 Inspection trip to WHBF-TV

Evening

7:00 Smorgasbord with the men

Friday, March 27, 1953

Morning

9:00 Register, if you have not already done so

9:30 Coffee Hour—Hotel Dining Room

10:30 Informal talk by N.S.P.E. President John D. Coleman on Ladies Auxiliaries, followed by discussion

12:00 Luncheon—Plantation Restaurant
Address: "Impressions and Reflections of Europe" by Mrs. Magda Glatter, Art Instructor, Augustana College including exhibit of the speaker's paintings

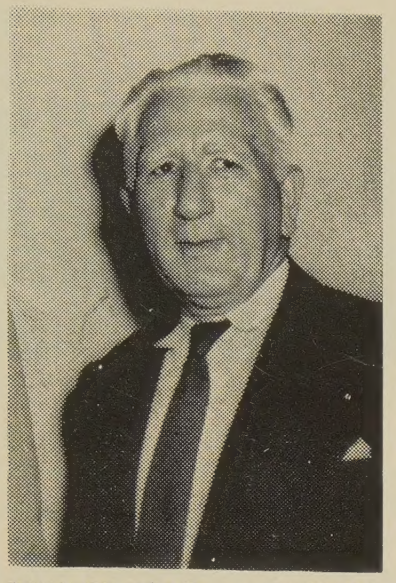
Evening

7:00 68th Annual Banquet with the men

SPEAKER AT THE ANNUAL BANQUET

State Senator Frank P. Johnson has been obtained to give the address at the Annual Banquet on Friday evening, March 27th. Senator Johnson is noted for his ability to give an inspiring talk with a sufficient amount of humor and pathos to keep his audience alert and interested. He has long conducted a column in a Kewanee newspaper entitled, "The Window of the Week," and is known locally as the "Window Trimmer." He has titled his address to be given at the Banquet, "Window Trimmings."

A veteran of World War I, the Kewanee senator has spent his adult life since college in newspaper and platform work. For many years he was on the lecture staff



SENATOR FRANK P. JOHNSON

of Redpath Chautauqua, and spoke in most of the states. He was twice elected president of the International Platform Association now headed by Drew Pearson.

He served on the publicity staff of A Century of Progress, Texas Centennial and Great Lakes Expositions. He worked with Billy Rose at the Fort Worth Frontier Exposition. His recent speaking engagements included the Illinois State Press Association, Illinois Bankers Association, State Nurserymen's Association, Illinois Association of Postmasters, and Illinois Elks Mid-winter Roundup. He has served as chairman of the Illinois State Elks' Association's scholarship and essay committees.

He was elected to the Illinois House of Representatives in 1948 and to the state senate in 1950.

The State of Illinois is noted for its homespun philosophers — A. Lincoln, Carl Sandburg. Senator Johnson can well be included with this group.

SPEAKER AT ANNUAL LUNCHEON

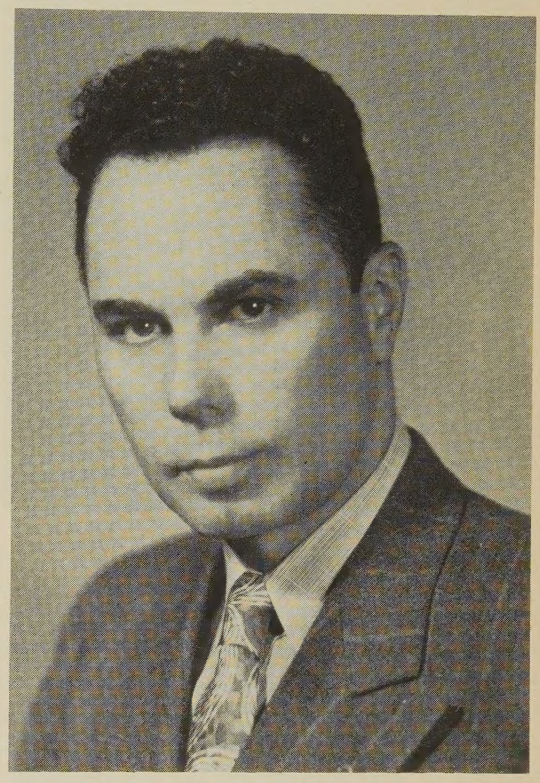
Mr. R. J. Kryter, who will give the address at the Annual Luncheon on Friday noon, has chosen for his topic, "Recent Atomic Developments."

He will describe the tremendous changes which have taken place and the startling new accomplishments of the last two years. He will discuss three separate phases of atomic development, those being Military Weapons, Useful Power from the Atom, and the Production and Use of Radioactive Isotopes for Science and Industry.

The treatment will be technically accurate, but in the every-day language of the engineer. It will not be a review of nuclear physics theory, but a story of actual practical accomplishments and of further practical possibilities.

The discussion will bring the hearers up to date with the latest developments. It will bring out the impact of military considerations on engineering problems, and the unparalleled economic consequences of the entire program.

In the development of the Atomic Bomb during World War II, recording instruments were used in all phases of the project. Inasmuch as confidential war contracts passed through Mr. Kryter's hands, he had an unusual opportunity to follow this vast undertaking.



R. J. KRYTER, Treasurer
Easterline-Angus Co.

Mr. Kryter graduated from Purdue University in 1923 with a degree in Chemical Engineering. For a number of years he was a research engineer with the Prest-O-Lite Company, becoming head of the chemical laboratory. In 1932 he joined the Easterline-Angus Company, manufacturers of electrical instruments. He is now Treasurer of that company, and a member of the firm.

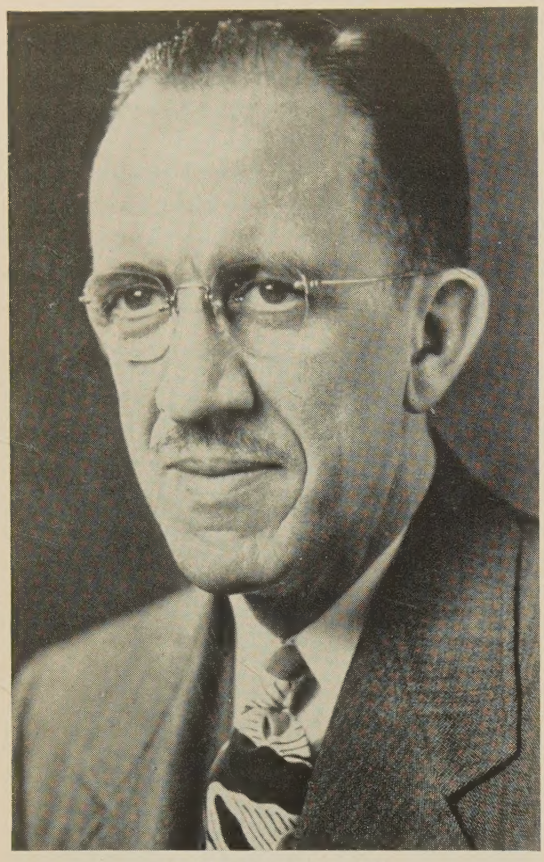
Mr. Kryter is past-chairman of the Indiana Section of the American Chemical Society, past-president of the Scientech Club of Indianapolis, member of the American

(More Annual Meeting on next page)

I hold every man a debtor to his profession; from the which as men of course do seek to receive countenance and profit, so ought they of duty to endeavor themselves by way of amends to be a help and ornament thereunto.

Sir Francis Bacon

GUEST AT ANNUAL MEETING



JOHN D. COLEMAN
President, N. S. P. E.

Institute of Electrical Engineers, member of the Indianapolis Engineering Society, member of the *Indiana Society of Professional Engineers,* and member of the American Association for Advancement of Science.

Mr. John D. Coleman, honored guest at the Annual Meeting will give an address during the Business Meeting and will also speak on other occasions.

Mr. Coleman has been active for a good many years in professional engineering circles, particularly in the National Society of Professional Engineers. He is well prepared to bring to us a message concerning the advancement and welfare of the profession.

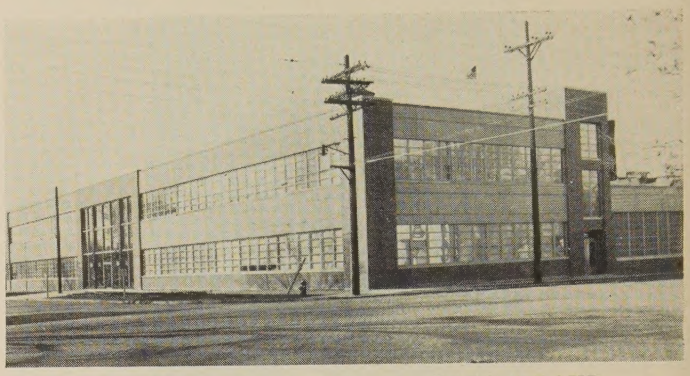
CAPITAL CHAPTER ENTERTAINS LEGISLATURE

The Capital Chapter is entertaining the Members of the State Legislature at dinner on March 16th, next at the Leland Hotel, Springfield. This affair has become a biennial event sponsored by Capital and should receive the hearty support of the entire Society.

ENGINEERING OPEN HOUSE AT UNIVERSITY OF ILLINOIS

The Students in the College of Engineering, University of Illinois cordially invite you to attend their Open House, from 10:00 a.m. until 10:00 p.m. on Friday, March 27th, and from 9:00 a.m. until 6:00 p.m. on Saturday, March 28th.

Annual Meeting - Rock Island
March 26, 27 and 28, 1953



OFFICES OF J. I. CASE CO., ROCK ISLAND

LAKE COUNTY PRESENTS COMMENDATION TO INDUSTRY

January 20, 1953

Mr. Joseph G. Rayniak, President
Outboard Marine & Manufacturing Company
C/o Johnson Motors Division
Waukegan, Illinois

Dear Mr. Rayniak:

The Lake County Chapter of the Illinois Society of Professional Engineers extends congratulations to your company upon the attainment of the one-million mark in the production of outboard motors by the Johnson Motors Division. We further congratulate you upon your recent election to the office of President of the Outboard Marine and Manufacturing Company, of which Johnson Motors Division is an important part. Much already has been said in this respect and we would not presume to enhance the lustre of these achievements by anything we might say. We do, however, wish to point out certain aspects which seem most significant to us.

We cite Johnson Motors' world renowned success—a shining example of the "Great American Story." From an idea to a great enterprise you grew in the productive and nourishing soil of freedom. You did it and others still can do it. But you had to fight along the way to retain your "free-enterprise franchise." There were those who sought to restrict you. You prevailed and in so re-establishing your right to production, you strengthened the principle of free enterprise not only for Johnson Motors and the rest of the outboard motor industry, but for all industries in our country.

In the short space of 30 years you grew from a small business to a big business, employing 1800 people, but you remained friendly and still were imbued with small-business enthusiasm. There was also something else. A product which remained static would not long continue to be the leader in its field. Therefore, the effectiveness of the management policy must depend to a considerable extent upon the ability of its engineers to design improvements, innovations, methods and performance. It is evident that management got good engineering for Johnson Motors has continuously led the field and today

sells more motors than any other make known, throughout the world. Over the past thirty years an impressive list of "Johnson-Did-Its" has been created to keep Johnson at the top. May we remind you of but a few:

Alternate firing	22 years ago
Die cast, water cooled cylinders	14 years ago
Re-wind starter	22 years ago
Under water exhaust	24 years ago
Die cast, aluminum connecting rods	15 years ago
Reverse (full pivot) steering	30 years ago
Syncho-Control (spark & throttle)	20 years ago
Gear shift control (forward, neutral and reverse)	3 years ago

In World War II large numbers of Johnson employees joined the colors. At the same time you converted your facilities completely to the production of essential war requirements and contributed your full share to the war effort. After the war, you quickly and successfully made the difficult reconversion to peacetime production of the famous "Sea Horses" which have provided utility and pleasure for so many people.

And lastly, we engineers see in the "Millionth Motor" a symbol of engineering achievement and triumph and we take quiet pride in our profession and in our brother engineers.

Lake County Chapter
Illinois Society of Professional Engineers
by: R. G. KRAMER, *President*

Attest:
SIDNEY DANOFF
Secretary-Treasurer

News From Chapters

Madison County Chapter

The regular meeting was held on Oct. 14, 1952, at Edwardsville Gun Club, Mr. C. H. Sheppard presiding. Guests present were Mr. Ed. Kane, State President of the Illinois organization of A.I.A., and Mr. Juneau of Sheppard, Morgan, and Schwaab.

A notice of a Conference on Metropolitan St. Louis Problems was read and any members able to attend were requested to send in reservations.

It was announced that the next meeting would be election of officers.

Mr. George Shanahan advised that the arrangements had been made for the Refresher Course this fall.

Membership Committee Chairman reported receipt of campaign literature and plans meeting in near future.

There being no other business, Mr. Voorhees introduced our State President who gave an inspiring talk on "The Engineer and His Professional Society."

The regular meeting was held Sept. 9, 1952, at the St. Louis Testing Laboratories, 2317 Chouteau Ave., St. Louis, Mo., where Mr. C. D. Trowbridge and his staff conducted the members and guests through the laboratory. After an inspection of the facilities, a short business meeting was held, since the August meeting had been in the form of a family picnic and outing.

The minutes of the July meeting were read and approved.

A report of the Public Affairs Committee to the Chairman of the Alton Belt Line Committee regarding the traffic problem was read and the committee was commended by all present for the fine job done.

All necessary business being completed, we were given a demonstration of the laboratory procedure of capping and testing concrete cylinders and were invited to examine light aggregate test specimens.

Refreshments and visiting rounded out a very successful meeting for the 40 members and guests who drove across the river to attend. M. B. CORLEW, *Secretary*

Chicago Chapter

The meeting of Dec. 11, 1952 was opened at 7:05 by President Frank Edwards, followed by the introduction of guests.

The Membership Committee reported 26 new members, plus 14 applications for membership, outstanding.

The Nominating Committee submitted its written report which was read by the secretary. The Nominating Committee nominated the following for officers for the ensuing year: For president, Mr. John Dolio of Shaw, Metz, and Dolio; for vice-president, Mr. K. C. Hoeglund of Bauer & Black; for secretary-treasurer, Allen Drachman of U. S. Gypsum Company; for chapter representative, Harold Sommerschield of Abell-Howe Company. These officers were voted on separately, and the slate as presented by the Nominating Committee was unanimously elected.

A rising vote of thanks to the officers of the past year was given by those in attendance.

Mr. Arents, program chairman, then introduced our speaker, Mr. John N. Wiss, chief engineer of Vibration Measurement Engineers. This concern was founded nineteen years ago by Mr. Jenkins, a member of our Society. It is the only company in America involved in the measurement of ear vibrations caused by blasts of explosives, such as dynamite. Over the years they have engaged in the measurement of vibrations caused by over 20,000 blasts of dynamite. The charges used have varied from three-fourths of a pound to 1,378,000 pounds of dynamite in a single blast.

Mr. Wiss gave us a most interesting discussion about earth vibrations caused by dynamite explosions and the operation of heavy machinery. He presented many diagrams, charts, and color movies to illustrate various factors involved in the study of vibrations. His discussion was most interesting and enlightening, covering a subject the technicalities of which are little known to

most of us. A lively discussion period followed his talk, and the meeting was adjourned at 8:45.

K. C. HOEGLUND, *Sec.-Treas.*

Ambraw Chapter

The regular meeting of the Ambraw Chapter of the Illinois Society of Professional Engineers was held at the Legion Home in Newton, Illinois on December 19, 1952, with President Walters presiding.

Dinner at 7:00 p. m. was followed by the business meeting which was called to order at 8:00 p. m. with twenty-five members and guests present.

The minutes of the meeting of September 18, 1952 were read and approved.

The following bills were allowed:

Stenographic Services	$ 1.00
Postal Cards—40 @ 4c each	1.60
Meals for Guests	22.00
	$24.60

John Henline, Chapter Representative, announced the dates of the Chapter Officers Meeting and the Annual Meeting.

Following a report by the Nominating Committee, the following officers were elected for the coming year:

President	John A. Hardwick
Vice-President	I. C. Bliss
Secretary-Treasurer	A. L. Colpitts

President Walters introduced I. S. P. E. President A. Douglas Spicer who became a guest of the chapter only after a very rugged winter trip from Kewanee. State President Spicer delivered a very interesting talk on the founding of various engineering societies, their purpose, and the difficulties encountered in getting them to accept a Unification Plan which would give the rank and file professional engineer a representative spokesman. He also stressed the importance of the engineer accepting the responsibility of administering the technical information which he has been providing.

C. P. MATHY, *Secretary*

Lake County Chapter

The regularly scheduled monthly meeting of the Lake County Chapter was held at the Swedish Glee Club Wednesday evening, December 17, 1952. Dinner was served to 39 members and guests.

The business meeting was called to order at 8:00 p. m. by President Robert Kramer. Members and guests were introduced.

Due to the illness of the secretary, I. R. Lietzke, the minutes of the November meeting were not read and the president appointed Sidney Danoff to act as secretary.

President Kramer asked for the report of the Nominating Commiteee. Chairman Hooper was absent, therefore member Richard Thacker read the report. Nominated by this committee were:

President—R. G. Kramer
Vice-President—I. R. Lietzke
Secretary-Treasurer—U. C. Neyer.

The Nominating Committee recommended splitting the secretary-treasurer office after necessary amendments to the Constitution are made. Sidney Danoff was recommended by the committee for the office of treasurer. Mr. Urban Neyer requested his name be deleted as secretary-treasurer and the president directed that this be done. It was moved and seconded by Mr. Simonsen and Mr. Thacker that Sidney Danoff's name be substituted for Mr. Neyers'. Passed.

Nominations were asked from the floor. No nominations. It was moved and seconded that an unanimous ballot be cast for the slate of officers as amended. Passed.

After much discussion, there was a motion from the floor to modify the Constitution such that the secretary-treasurer office could be split. Seconded and passed.

Mr. Simonsen, Mr. Thacker, and Mr. Hooper were appointed to study the Constitution and recommend changes necessary to comply with the motion.

Committee reports by the Membership chairman, the Chapter Representative, and the Registration and Education chairman were requested. A refresher course was discussed and the committee was asked to schedule a course if possible. Mr. Hooper, teacher of last year's course, reported that all who completed the course passed the State examinations.

The meeting was turned over to Mr. U. C. Neyer, chairman of the Program Committee, who announced the January meeting would be Johnson Motor Night. Also the President of the State Society, Mr. Douglas Spicer, would be our guest for this meeting. The February meeting will be held February 25th and will be Ladies' Night. This is a change from our regular meeting night which would have been held on February 18th.

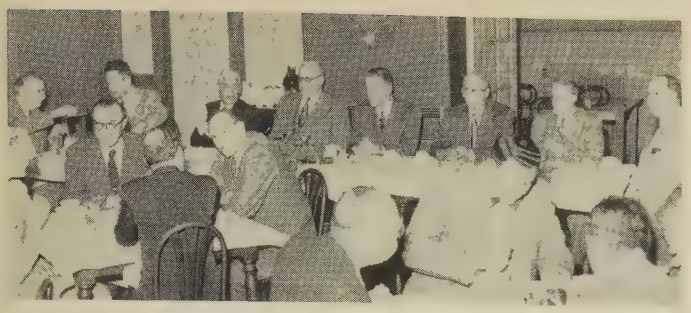
Mr. Neyer then introduced Mr. William Santina and Mr. George Lykowski from the office of the District Engineer, Great Lakes Division. Mr. Santina spoke on lake levels, causes of beach erosion, Illinois shore of Lake Michigan, and loss of property caused by lake levels. Mr. Lykowski discussed beach protection, which included cost, types for Illinois shore of Lake Michigan. Both speakers were very interesting and the topics very timely.

The meeting was adjourned at 10:15 p. m.

SIDNEY DANOFF, *Secretary-Treasurer*

Rockford Chapter

The meeting was called to order at 7:30 PM, Dec. 16, 1953 by President Lyle Porter and the minutes of the December business meeting were read and approved. No business was discussed, but H. Riedesel, Secy., announced that he had a number of membership cards that were improperly prepared and would have to be corrected before being issued to members. Mr. John Duguid also announced that one of our members, Mr. Wm. H.



ROCKFORD CHAPTER IN SESSION

"Bill" Day, was planning to run for Mayor of Rockford on the Republican ticket.

There was no other business so President Porter proceeded to the introduction of our Honor Guest, Mr. A. Douglas Spicer, President of the Illinois Society of Professional Engineers. Mr. Spicer proceeded to give an inspiring talk on the history of the National Society of Professional Engineers, and the part engineers must play in the national and local picture if our country is to continue to progress. He pointed out that since we are living in an engineered scientific era it is up to the engineers to take the lead in educating our citizens how best to reap the benefits of this advancement. We were all very glad to have heard Mr. Spicer's message, and he was roundly applauded at its conclusion.

President Porter then introduced Mr. Chas. N. Debes, Sponsor of the Program for the evening, who in turn introduced to us Mr. John Gregory, Secretary of the Council for Civil Defense, who gave us an enlightening picture of the progress made thus far in organizing this area.

The meeting was called to order at 8:00 P.M., Dec. 9, 1953 by President Porter. Reading of the minutes of the previous meeting was dispensed with inasmuch as they had been reprinted in the Chapter Bulletin. The treasurer made a brief report on additional funds received since the last meeting.

Committee reports were as follows:

Civil Defense Committee: Chas. Debes reported on the Air Raid warning test made December 1st. About 200 replies were received from listeners as far as 3 miles away. However the sound density was not sufficient to cover the city as a whole, and it appeared that it would be necessary to have units strategically placed to insure good coverage. The Industrial area could use steam-operated units, while the residential areas would require electrically operated units remotely controlled. Some additional units will be tested in the near future.

Refresher Course: Mr. Debes also reported that they had good results from the refresher course conducted this fall. One of those taking this course who took the examination testified to its effectiveness in helping him to pass it.

Electrical Code Committee: Royce Johnson reported that several meetings have been held and progress is being made. The Industrial Committee of the Chamber of Commerce now has a representative on the committee and several other organizations have representatives in attendance at the meetings held every Wednesday noon. Mr. Johnson advised that one thing to be kept in mind is the makeup of the State Commission. There is no Electrical Engineer on the Commission as constituted. Alderman Sheldon plans a house-cleaning of old city ordinances and is quite active in connecting with this Electrical Code Revision.

Nomination Committee: Mr. Porter announced the following slate of officers for the coming year of 1953 as recommended by the committee: Royce Johnsn, For President; H. A. Riedesel, For Vice-President; John G. Duguid, For Chapter Representative. It was moved and seconded that the Secretary be instructed to cast a unanimous ballot for this slate, and the motion was carried without dissent. The new officers will take office at our January meeting.

Engineers Week Committee: Mr. Porter advised that he and Mr. Royce Johnson are hard at work on this program and plans are progressing.

Other Reports: H. Riedesel reported that the proposed amendment to the State Constitution in regard to the changing of the procedure for nominations for State Officers has been defeated.

H. Riedesel also reported on the annual meeting of the Illinois Engineering Council held December 6th at the Western Society offices, Chicago, Illinois. One of the matters discussed was endorsement of an engineer for the post of Chief Highway Engineer. No decision was arrived at as the representatives felt this should be referred to their Chapters before being passed on.

H. Riedesel, Secretary

The meeting was called to order at 7:45 P.M., Jan. 15, 1953 by President Lyle Porter who immediately made a speech of welcome to Incoming President, Royce Johnson, and turned over the conduct of the meeting to him. Royce in turn introduced Henry Riedesel, incoming Vice-President; John Duguid, Chapter Representative; Harper Millard of Freeport, Ass't. Chapter Representative; Stanley Cutler, Secretary-Treasurer; Ted Bradley, Assistant; and R. L. Dickerson, who will act as an Assistant Treasurer at our meetings.

The Treasurer's report was read and approved, and reading of the minutes of our December Meeting was dispensed with inasmuch as they had been printed in our bulletin. President Johnson then asked the members to keep up the good work and help him to continue the progress made under Lyle Porter. A "hand" was given to Lyle for his good work this past year. His officers also were complimented.

The first order of business was Committee Reports, as follows:

Engineer's Week Special Committee — Lyle Porter reported that things are going nicely, and Vic Lathers has charge of the window display to be in a Jefferson Street window of the Gas-Electric Bldg. during February and March. Other activities are being planned, including a display at Freeport.

Civic Affairs — Charles Debes reported that the Heating and Ventilating Code has been drafted and is ready for presentation to the City Council, but is being held for simultaneous presentation with the proposed new Electrical Code which has not been drafted as yet. Royce Johnson reported that some progress is being made on this.

Professional Affairs — Arnold Lundgren reported that this committee has already had an opportunity to function. He reported receipt of a communication from the Ass't. Chief Highway Engineer of the State of Ill. asking us for our opinion as to the status of the work of taking soil samples. It appears that if it were classified as Engineering, no bids need be taken, but if not, bids were necessary. Our committee recommended that in their opinion, the taking and analyzing of soil samples was not an engineering function and that the engineering started with the evaluation of that report and how to use it.

Other committees are being organized and will report at the next meeting. A list of the members is being prepared for publication.

Under new business, Charles Debes reported the availability of a film entitled, "Adam to Atom," which will be in Rockford the second week in March and will be loaned to any organization wanting it. It outlines the progress of engineering from the beginning of time.

The meeting of Feb. 18, 1953 was called to order at 7:30 P.M. by President Royce Johnson. Since the minutes for the last meeting were published in the Bulletin, they were not read, but upon call for corrections of those minutes, there were none and they were declared approved.

Reports were called for from the Executive Chairmen and were made as follows:

Chapter Affairs — Chairman, John Duguid: This committee is now organized and will have its first meeting this week. The Window Display Committee, Lyle Porter, Chairman, is getting in new exhibits for the local display window and next week the window display in Freeport will be started, with weekly changes in exhibits. The local display is getting much favorable comment.

Civic Affairs — Chairman, Clarence Wilson: The various subcommittees reported — Student Counciling, Charles Debes, Chairman; Factory Protection, Lyle Porter; Air Raid Shelters, Stanley Cutler. The first two subcommittees have had no meetings yet, but the last named has had one very good meeting addressed by the Civil Defense Coordinator and was attended by ten members. The Electrical Code Subcommittee, Chairman, Royce Johnson, had a meeting last night and there will be another one with the City Council one week from tonight. On March 12th, there will be a further meeting in the City Council Chambers to discuss all points, notably the use of conduit vs. open wiring. The Heating and Ventilating Code Committee, Chairman, Chas. Debes, announces no action as yet.

The Student Counciling Subcommittee further announced that the film, "Adam to Atom" will be exhibited at the high schools.

Membership — Chairman, Henry Riedesel: This committee has had meetings of the local district chairmen, but still needs assistance of interested personnel.

Professional Affairs — Chairman, Arnold Lundgren: The Legislative Analyzing Subcommittee, R. K. Ericson, Chairman, announces the study of a Legislature bill to allow Professional Engineers to deduct income over $7500 per annum from income as a retirement annuity; also, another bill to approve planning of Engineering Projects.

John Duguid reported on the trip to Decatur to attend a meeting of the State Board of Direction. Increased dues for members of N.S.P.E. were disallowed. Professor Eckblaw was recommended for the I.S.P.E. award. This year's budget was approved. President Spicer commented on registration laws.

It was announced that the executive committee will hereafter hold luncheon meetings each second and fourth Thursday of every month.

A motion was made and carried that we investigate the purchase of a tape recorder.

Paul Gutting, Sales Engineer for Ingersoll-Rand Company Pump Division, was then introduced by Robert Stringer. Mr. Gutting presented a very instructive, illustrated talk on the Schulsberg, Wisconsin Lead Mine and the mining of lead and zinc.

STANLEY G. CUTLER, Secretary

Rock River Chapter

The Annual Business Meeting was called to order by President Hopper at 8:15 p.m., January 9, 1953 in Loveland Community House with 33 members in attendance. Following the reading of the minutes of the November 14th meeting, the following annual reports were given:

Secretary-Treasurer L. F. Holstein: — The yearly report showed a net loss of two members with a balance in the Treasury of $636.22, although the yearly expenditures exceeded income by $73.42.

Publicity Chairman W. E. Gronberg: — Reported that a total of 77 column inches, plus 3 pictures, had been published in the Dixon Evening Telegraph during 1952 and the paper had been very cooperative on all occasions. Mr. Gronberg also stated that plans were being made by the Committee for National Engineers Week and asked Mr. Robert Hofman for further details. Mr. Hofman states that the local radio station WSDR had been contacted and was very willing to cooperate. The radio script tape recording has been purchased and plans are underway for a round table discussion to be placed on the air in addition to the script.

Membership Committee Chairman C. K. Willett was absent but the Committee did secure a total of 5 new members during 1952.

Annual Picnic Committee: H. L. Wyckoff was absent but Mr. S. E. Johnson stated that the report had been submitted previously showing a net profit of $62.76 al-

though it was not the aim of the Committee to make money.

Refreshment Committee Chairman K. H. Hankins had no report but was commended by President Hopper for the excellent lunch served at all the meetings during 1952.

Community Planning Committee Chairman D. Crawford was absent. The Committee however did send out letters to 13 Mayors and five Presidents of Village Boards in the Rock River Chapter territory offering the assistance of the Chapter in community planning projects.

The question of a change in meeting night was placed before the members and the consensus of opinion was that Monday or Thursday would possibly enable more members to attend the meetings. It was decided that the Secretary should poll the membership regarding a choice between the third Monday or the third Thursday of each month as a meeting night. Along with the question of meeting night, the question of more meetings was discussed and it was decided to attempt one meeting per month rather than every other month as at present.

The question of meeting expenses was next discussed and it was moved by A. D. LaCour, seconded by A. H. Ferger and passed by the members that this question should be referred to the executive committee.

Mr. R. G. Thomas, Chairman of the Nominating Committee was then called upon for nominations for Officers for 1953 and stated the Committee's report as follows:

For President: H. W. Donaldson

For Secretary-Treasurer: L. F. Holstein

For Chapter Representative: Wm. E. Gronberg

Mr. Thomas stated that W. O. Anthony had previously accepted the nomination for Vice President, but had withdrawn his name again and the committee had been unable to contact anyone else due to the time involved.

Nominations were then called for from the floor for President. Mr. Reeder moved, seconded by Mr. Ferger, that the nominations be closed. Motion carried. Mr. H. W. Donaldson was then unanimously elected President.

Nominations were then called for from the floor for Vice President: Mr. Reeder nominated Mr. Robert Hofman; Mr. Hofman nominated W. O. Gronberg, Mr. Gronberg withdrew the nomination; Mr. Haefliger moved the nominations be closed — motion passed. Mr. Hofman was then unanimously elected Vice President.

Nominations were then called for Secretary-Treasurer. Mr. Memler moved that the nominations be closed and the President cast a unanimous ballot for L. F. Holstein. Motion carried.

Nominations were then called for Chapter Representative. Mr. S. E. Johnson moved that the nominations be closed and the President be instructed to cast a unanimous ballot for Wm. E. Gronberg. Motion carried.

The meeting was then turned over to Program Chairman and President-elect H. W. Donaldson, who announced the showing of a new General Electric Company film, "Pipeline to the Clouds." The film was very instructive and interesting.

L. F. Holstein, Secretary

West Central Chapter

The January meeting of West-Central Chapter I.S.P.E. was held on January 15, 1953 at Club 19, Galesburg, Illinois.

The meeting opened by a fine steak dinner after which the guests and members were introduced around the tables. Past President Missman presided in the absence of President Morrow who was ill.

The Secretary read the minutes of the last regular meeting which were approved as read. Chairman J. P. Dahlberg gave a report on the progress of Engineers Week committee. Chapter representative, Louis Pappmier told of the coming Chapter Officer conference to be held in Peoria, Illinois on January 31st and urged all officers to try and be present for the meeting.

Moved by A. D. Spicer and seconded that the election of a Chapter Representative to be held for a 2 year period and nominated Mr. Louis Pappmier for the position. Motion carried.

Lee Osborn, co-chairman of the State Convention, gave a report on the progress of his committee. This opened up for discussion many problems on the forth-coming convention, many of the members taking part in the discussion. It was moved by Farmer that the plans and arrangements be placed in the hand of one member, thus eliminating the co-chairman of this important committee. After quite a discussion Mr. Farmer amended his motion to make Mr. Osborn chairman of the entertainment program and refreshment committee and Mr. James Palmer chairman of the finance committee. The motion was seconded and carried.

President pro-tem Missman called upon Mr. Kenneth Hardine who introduced Dr. E. W. Kanning, President of the Kanartex Coating, Inc., who gave a very interesting talk on Paint Technology.

Claude F. Bates, Secretary

Lake County Chapter

The regularly scheduled monthly meeting of the Lake County Chapter was held at the Swedish Glee Club, Wednesday evening, January 21, 1953. Dinner was served to 92 members and guests.

The business meeting was called to order at 8:10 p.m. by President Kramer. Due to the long program, the minutes of the previous meeting were not read and the only committee report was given by Wm. T. Hooper Jr., who spoke a few minutes on the Refresher course which is to start the 16th of February at the Waukegan High School.

Members and guests introduced themselves. Mr. Lobdell, one of the nine original members of the Lake County Chapter, spoke a few words on the Lake County Chapter. Other "Old-Timers" were introduced.

Mr. Neyer, Program chairman, announced the February meeting will be held February 25th to coincide with National Engineers Week. This meeting will be Ladies Night and will be held at Hanks on Skokie.

Mr. Neyer then introduced Mr. A. D. Spicer, President of I.S.P.E., who gave a short talk on the present responsi-

bilities of the Engineer. Mr. Spicer spoke of the Engineer being responsible for the many improvements of today's civilization and, therefore, also accountable for the education of government leaders, etc., in the moral responsibility of keeping the improvements in the right direction.

President Kramer presented a letter of citation to Mr. J. G. Rayniak, President of the Outboard, Marine and Mfg. Co. Mr. Rayniak accepted the letter with a short thank you speech.

President Kramer introduced the speaker of the evening, Mr. W. C. Conover, Chief Engineer of the Outboard, Marine, and Mfg. Co., who spoke on "Engineering Aspects of the Millionth Motor."

After a short intermission, a fishing film "Fabulous Fishing in South America" was shown.

SIDNEY DANOFF, Secretary-Treasurer

Peoriarea Chapter

The regular meeting of the Peoriarea Chapter of the Illinois Society of Professional Engineers was held on the evening of January 15, 1953 in the auditorium of the Central Illinois Light Company. Twenty-five members and guests attended.

After a short business meeting Mr. G. G. Morrow, a member of the Peoriarea Chapter and Gen. Manager of the Peoria Water Works Co., presented a very complete and interesting history of the development of the Peoria water works system. He traced the problems, progress and failure of several early water supply systems, beginning in 1833 with the first, and pointed out how the knowledge gained through these experiences led to the development of the present elaborate and efficient water supply system. At the close of the talk a discussion period was held relating to the topic, with Mr. Morrow supplying the answers. DON RITCHIE, Secretary

Illinois Valley Chapter

The regular meeting of the Illinois Valley Chapter of The Illinois Society of Professional Engineers was held at the Riverside Inn, Ottawa, Illinois, January 27, 1953.

President Louis Bowman called the meeting to order at 8:30 p.m., and introduced the guests. The minutes of the previous meeting and the treasurer's report were read and accepted. Frank Dunavan gave a detailed report on the Directors meeting held at Decatur, Illinois.

The annual election of officers was held. Dean Antrobus, Ottawa, Illinois, was elected President. Ross Waite, LaSalle, Illinois, was elected Vice President. Robert B. Burns, Ottawa, Illinois was elected Secretary-Treasurer.

The Program committee had arranged a very fine film, concerning "The Monon Railroad," which proved to be both interesting and instructive.

The regular meeting of the Illinois Valley Chapter of The Illinois Society of Professional Engineers Incorporated was held on November 25, 1952 at The Pines, north of Streator, Illinois.

Thirty-two (32) members were present. We enjoyed a very fine Fillet Mignon Dinner, which is typical of The Pines. After dinner President Louis Bowman called the meeting to order and introduced Mr. A. D. Spicer, the State President, and other guests present.

The minutes of the previous meeting were read and accepted. The treasurer's report was read and accepted.

In memory of our good friend and member, Jack Moran, the members stood for one minute in silent tribute.

Mr. A. D. Spicer, the State President, our guest and speaker for the evening, spoke on the Engineering Society, and its many ramifications.

We all enjoyed his entertaining and instructive talk. An interesting period of questions and answers followed.

ROSS WAITE, Secretary

Joliet Chapter

The Joliet Engineers' Club held its regular meeting on January 20, 1953 at Little Jack's Restaurant. The meeting was attended by eighteen members and two guests.

President Chaney called the business meeting to order at 8:10 p.m. The Secretary read the minutes of the previous meeting, which were accepted as read.

Mr. William Gray, the new State Chapter Representative, gave a report on the meeting he attended last Saturday and told us that he was very happy to report that the National dues would not be increased. He also stated that he had been requested to look into and check on the Steel City Engineering Agency, which Mr. Pliny Brown was to have reported on. Mr. Brown was to be contacted so that a report could be made by next meeting. Members were also asked to furnish any information they could about the Agency.

It was moved and seconded that the Secretary write a letter of appreciation to H. E. Babbitt, who is retiring this year from the State Board of Directors, for the fine work he has done for the Engineers the many years he has been in office.

The following members were appointed by the President to serve as Chapter Committee Chairmen:

Advertising, Glynn Walker
Civil Defense, F. E. Clark
Ethics and Practice, Chase A. Hoyt
Legislative Analysis, Howard Hassert
Membership, W. Kenneth Waltz
Publicity, Lloyd C. Gilbert
Registration Laws, Sanger M. Brown

It was also mentioned that a refresher course will be available at the Joliet Junior College commencing February 2, at a cost of fifteen dollars ($15.00).

The next forty-five minutes were spent in viewing a film entitled "Trees to Tribune," which was a very interesting film covering the making of Newsprint.

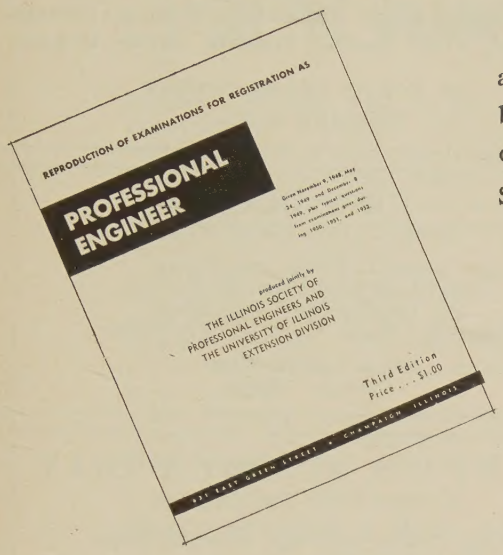
L. W. KEELER, Secretary

Central Illinois Chapter

The January meeting of the Central Illinois Chapter of the Illinois Society of Professional Engineers was held at the Y.M.C.A., 151 West Prairie Street, Decatur,

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at 6:30 P.M., Thursday, January 22, 1953. There were 50 members and one guest present for dinner. Three others came after dinner.

E. O. Crawford, President, announced the names of the chairmen and members of the various committees for the year 1953.

J. R. Gardner, Chapter Representative, presented a resume of the proceedings of the State Board of Direction meeting held at the Y.M.C.A. in Decatur, January 18, 1953.

The panel discussion scheduled for the meeting consisted of dissertations on Lake Decatur with respect to the Decatur municipal water supply. The discussion was in three parts, as follows:

1. Background of the creation of the lake:—E. E. Cooper
2. 1949 recommendations of Warren & Van Praag, Inc.:—V. H. Moore
3. Current proceedings:—Homer L. Chastain.

A question-and-answer period followed the discussion.

V. H. MOORE, Secretary

Chicago Chapter

The meeting was called to order at 7:15 P.M., Feb. 12, 1953 by President Dolio in the meeting room at the Western Society of Engineers, 84 East Randolph, Chicago. Forty-four members and guests were present for both dinner and meeting and one additional member was present for the meeting only.

Mr. A. W. Graf, Chairman of the Committee on Registration, was introduced and made the report of his committee's recent action. The recommendations made to the committee by State President Spicer and others have been studied, including the recommendation to modify the definition of Registered Engineers, and the changes necessary to provide the proper basis for Engineers-in-Training. The committee met with Mr. Harrington, Vice-President of the Illinois Engineering Council and IEC's Registration Laws Committee and discussed the recommendations that had been made to them. The committee then decided not to recommend any changes in the language of the law because the interpretations applied by the State have been generally uniform. The law is presently being revised by the legislative drafting committee of the state legislature to bring the act up to date. These changes will include the elimination of the "grandfather" clause and up dating the law to suit present conditions.

Mr. E. I. Fiesenheiser, chairman of the Program Committee, then introduced the first speaker of the evening, Mr. E. L. Holmes, Assistant General Passenger Agent of the Illinois Central Railroad. Mr. Holmes has been an active member of the Toastmasters International for ten years in Louisville, Minneapolis, and Chicago. Mr. Holmes' topic was "Toastmasters Clubs." The Toastmasters organization is founded on the belief that the future belongs to the man who prepares. Toastmasters is a speech training course which never ends. They do not try to make orators but to present their ideas logically and clearly.

Mr. Holmes introduced the next speaker of the evening, Mr. Sheldon Lee, a Professional Engineer who talked on "The Value of Toastmasters Clubs to the Individual and to the Community."

Mr. Holmes introduced the 3rd speaker of the evening, Mr. Raymond Hollis, President of Graymills Mfg., a member of Toastmasters for the past 8 years. Mr. Hollis presented a typical 5 minute Toastmasters' talk entitled "The New Frontier."

After the three talks the meeting was thrown open

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for questions and many questions were asked of the three speakers.

Mr. Dolio then presented Mr. V. E. Gunlock, Commissioner of Public Works of The City of Chicago, with an award from the Illinois Society of Professional Engineers. The award was entitled "In recognition of Outstanding Service to the ISPE during his tenure as President in 1951 Mr. V. E. Gunlock is awarded this certificate." Signed A. D. Spicer, President. Signed H. E. Babbitt, Sec'y.

Mr. Bonnell H. Allen of the Engineering Societies Personnel Service announced from the floor that Mr. Gunlock has recently also received another honor—the Chairmanship of the Chicago Advisory Committee for ESPS. This committee is composed of representatives of local technical and professional engineering societies.

Mr. Dolio next read an announcement of a further honor being given to a member of the Chicago Chapter. Dr. Gustav Egloff, world famous petroleum scientist and director of research for Universal Oil Products Company, Des Plaines, Illinois, will be presented with engineering's foremost honor, the Washington Award for 1953, at a dinner February 23. The presentation will be made by Ovid W. Eshback, President of the Western Society of Engineers and Dean of the Technological Institute of Northwestern University, at the Furniture Club of America, 667 N. McClurg Court, Chicago.

ALLEN DRACHMAN, Secretary-Treasurer

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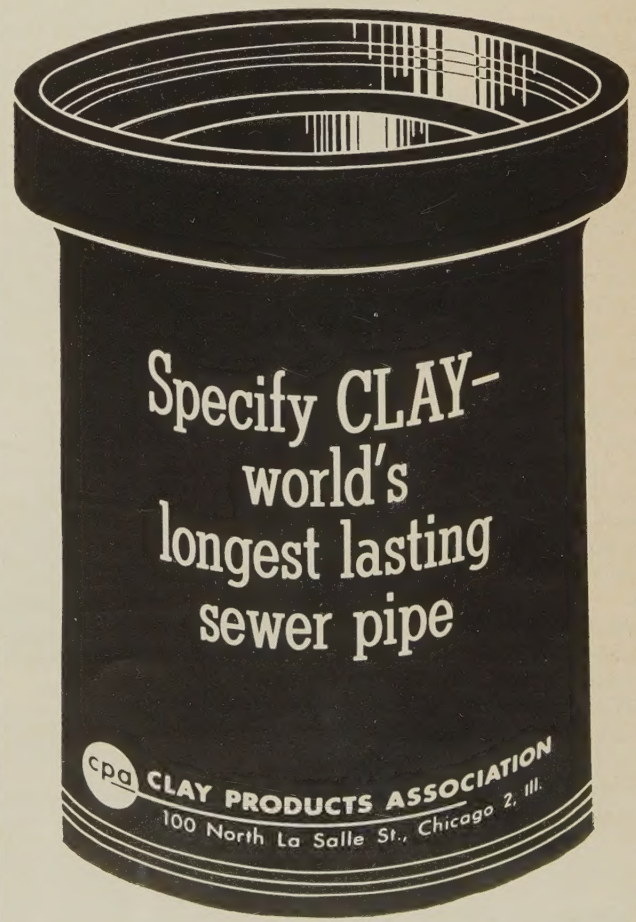
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OVER THE MANGER'S DESK

March, 1953

March is usually a turbulent month with things in general reacting to unsettled weather. Our thoughts ramble from the March Hare and the Mad Hatter, St. Patrick and the snakes and the roar of the March Lion to the meekness and tranquility of the Lamb. Do not let your engineering needs suffer by these reactions and ramblings.

If you need engineering talent for your company or if you are unsettled in your employment as an engineer, get in touch with E.S.P.S. and see if we can help you turn your problem into one which will be as gentle as the Lamb and as satisfactory as St. Pat's feat was to the Irish.

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MEN AVAILABLE

Comptroller. 30. Five yrs. installed variable budgeting systems in merchandising and operating areas. $5200. Midwest. 572-PE

Estimating or Supvn. M.E. 29. Four yrs. estimate labor and material for bids, purchase material and equipment and plan jobs with shop supt. and field foreman. $7000. Midwest. 573-PE

Const. Supt. C.E. 27. Three yrs. personal charge of design, estimating, specification writing and field supervision of construction. $7200. Chicago. 574-PE

Field Engineer. C.E. 35. Five mos. administrative, estimating and sales. Seven yrs. office and field engineering doing design and construction of highways and structures. $7500. Chicago. 575-PE

Consultant Ind. Eng. 27. One yr. six mos. mgmt. consultant. Analyze mfg. problems and procedures, job evaluation, production control, accounting procedures, layout and install wage incentives. One yr. compile standard data on welding, grinding and machining operations. $6000. Chicago. 576-PE

Plant Mgr. 38. Ten yrs. Ind. Engr. doing job analysis, employee training, supervisory training, labor and cost standards, prod. control, plt. supervision, plant layout, production and cost estimating. $7500. Midwest. 577-PE

Factory Mgr. M.E. 28. Three yrs. works manager. Set up plant, established operational procedures, designed equipment and supervised constr. and installation of new equip. One yr. design and layout work under works engr. $7200. Midwest. 578-PE

Ind. Engr. Bus. Adm. 39. Five yrs. special research on plant problems as cartage, testing, equipment and supplies, methods and standards. $6000. United States. 579-PE

Development. E.E. 29. Eighteen mos. trainee in Elec. Testing Lab. on mining machinery. Five mos. drafting of electrical equipment for newly constructed project and aided in designing of transformer vault. $4300. Midwest. 580-PE

Sales Eng. M.E. 28. Ten mos. sales eng. handling correspondence, production problems, and schedules. Thirteen mos. detailing and design of hydraulic surface controls. Nine mos. Engr. Trainee. Some purchasing training, drafting, production problems. $4200. U. S. 581-PE

Sales Engr. Ch.E. 28. Seven and one half yrs. selling draperies wholesale to department stores, wholesales, manufacturers, and specialty shops. One yr. research and development projects and technical advisor to a production dept. $6000. Chicago. 582-PE

POSITIONS AVAILABLE

Assistant Manager. Age: 30-40. 3 plus yrs. exp. in valves and preferably aircraft valves. Knowledge of hydraulics. Duties: assistant to manager of valve department covering design development, testing, some production. Will consider a younger man whom he can train. For a manufacturer of valves. Salary: $500-$600. Employer will pay fee. Western Suburb. R-9671

Junior Draftsman. Age 21 and up. Some board work on small mechanical parts. Knowledge of gears or transmissions helpful. Duties: drafting, detailing and layout of shop prints. For a manufacturer of gears. Salary: $80 per week. Employer will pay fee. Location: Chicago. R-9670

Product Designer. M.E. Age: up to 35. 3 plus yrs. expt. in designing products for mass production such as appliances or devices. Knowledge of materials and production equip. Duties: solve unusual problems of product design, do board work and calculate stresses and strains of materials for mass production. Industrial designers company. Salary: $7000-$9000 per yr. Employer will negotiate fee. Loc: Chicago. R-9669

Accountant Engineer. Age: up to 60. Some exp. in utility records and procedures as prescribed by regulatory authorities, together with considerable electrical engineering exper. Duties: reclassification and determination of original cost of electric plant when first devoted to public use to be developed from accounting and other available records. For a utility. Salary: $398.50 to $521.50 per month. Loc: Ohio. T-9668

Tooling and Process Engineer. M.E. Age: 27-45. 5 yrs. exp. time study, industrial engineering, methods, etc. Knowledge of buffs, metal working and similar operations. Duties: design tools, dies and equipment for metal stampings and assembling of buffing wheels. Supervise small machine shop. Also control of standard hour incentive system, methods, and occasional time studies. For a manufacturer of buffs and polishing wheels, television cabinets. Salary: $125 per week. Employer will negotiate fee. Location: Chicago. R-9667

Project Engineer. Age: 35-50. 1 plus yrs. exp. in plant layout on shell lines for ordnance plants. Knowledge of production sequence. Duties: layout production line for shell loading plants, will have to do own board work. For a manufacturer. Salary: $500-$600 per month. Employer might negotiate fee. Location: Chicago. T-9666

Manager, Industrial Division. Engrg. degree. Age: 33 yrs. up. 3 yrs. exp. in instrument or regulating valve sales. Knowledge of instrumentation. Duties: manager division of sales department covering industrial controls. For a manufacturer of controls. Salary: $8500 per yr. Car required. Location: Illinois. R-9665

Inspector. 4 yrs. college. Age: 23-28. 1 yr. exp. inspector of all trades in new construction and appurtenances of buildings for owner. Duties: as indicated above plus checking of contractors accounts for owner of buildings. Small amount of drawing board work also required. For industrial foods company. Salary: $5000-$6000. Location: Iowa. T-9664

Designer and Draftsman. Duties: work in consulting engineer's office on reinforced concrete and structural steel design and drafting on commercial and industrial buildings. Salary: Open. Employer might negotiate fee. Loc: Chicago. R-9663

Product Engineer. E.E. or M.E. 5 yrs. related to design and production of small precision parts requiring varied machining and processing operations. Act as coordinator of all functions related to production of small precision rotating electro-magnetic components. Should be familiar with military specs. of materials and processing. Salary: $6500-$9500 yer yr. Location: New York. R-9662(a)